

MPD 8900.1  
REVISION G

EFFECTIVE DATE: September 27, 2004  
EXPIRATION DATE: September 27, 2009

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# **MARSHALL POLICY DIRECTIVE**

**AD01**

## **MEDICAL OPERATIONS RESPONSIBILITIES FOR HUMAN SPACE FLIGHT PROGRAMS**

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### DOCUMENT HISTORY LOG

Status (Baseline/ Revision/ Canceled)	Document Revision	Effective Date	Description
Revision	E	11/30/99	Document rewritten from MMI 8900.1 to an MPD.
Revision	F	7/18/2003	Changed Management Support Office to Integrated Customer Support Department; deleted all unnecessary records; changed references from manned space flight to human space flight in 8(b)1, 8(b)2 and 8(c); added metric to measurement in paragraph 10 to read "An annual report will be issued by medical operations at JSC to the CHMO indicating the number of medical events affecting space flight crew members that result in adverse mission impact. The lower the number of medical events affecting space flight crewmembers that result in adverse mission impact, the greater the success of the program"
Revision	G	9/27/2004	Changed font to Times New Roman; Replaced "is" and, "will" with "shall" where needed; changed MPG to MPR in Section 4

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## 1. PURPOSE

The purpose of this Directive is to implement the provisions of NASA Policy Directive, NPD 8900.1.

## 2. APPLICABILITY

This Directive is applicable to all Marshall Space Flight Center (MSFC) organizations engaged in human space flight programs payload or experiment activities.

## 3. AUTHORITY

NPD 8900.1, "Medical Operations Responsibilities for Human Space Flight Programs"

## 4. APPLICABLE DOCUMENTS

MPR 1810.1, "MSFC Occupational Medicine"

## 5 REFERENCES

None

## 6. DEFINITIONS

None

## 7. POLICY

MSFC shall provide and maintain the necessary medical systems to support medical operations for human space flight. This is to be accomplished through interaction with the Johnson Space Center.

## 8. RESPONSIBILITIES

a. Director, MSFC Occupational Medicine and Environmental Health Services (OMEHS), is designated the Center's Medical Officer for MSFC-manned space flight programs medical operations and shall be responsible to the Manager, Integrated Customer Support Department, for:

(1) Implementing and managing medical activities associated with the requirements, as defined by Johnson Space Center (JSC), in support of flight-crew activities at MSFC; and

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(2) Providing advice to MSFC officials, as required, on matters related to medical activities associated with the manned flight program's operations assigned to MSFC.

b. Manager, Integrated Customer Support Department, Center Operations Office, or designee, shall be responsible for the overall management of MSFC medical activities, including:

(1) Coordinating the implementation of medical operations requirements associated with MSFC payload/experiments activities in accordance with the human space flight program's medical operations requirements and implementation documents;

(2) Providing the necessary medical facilities, equipment, resources, and emergency services required to support MSFC-human space flight program's medical operations;

(3) Providing an effective occupational medical program pursuant to MPR 1810.1; and

(4) Providing an effective emergency ambulance service.

c. Directors/Managers/Group Leads/Team Leads shall be responsible for identification and implementation of human space flight programs/project medical operations requirements associated with payload/experiments activities assigned to MSFC and as identified by JSC.

## 9. RECORDS

None

## 10. MEASUREMENT

Metric: An annual report is to be issued by medical operations at JSC to the NASA's Chief Health & Medical Officer (CHMO) indicating the number of medical events affecting space flight crewmembers that result in adverse mission impact. The lower the number of medical events affecting space flight crewmembers that result in adverse mission impact, the greater the success of the program

## 11. CANCELLATION

MPD 8900.1F dated July 18, 2003

Original signed by  
Robin N. Henderson for

David A. King  
Director